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L4: Entry 20 of 20

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DERWENT-ACC-NO: 1966-20341F
DERWENT-WEEK: 200397
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TITLE: Lysis products of malignant tissues

PRIORITY-DATA: 1962DE-F037920 (September 29, 1962), 1962DE-1211749 (September 29, 1962)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> DE 1211749 B			000	

ABSTRACTED-PUB-NO: DE 1211749B
BASIC-ABSTRACT:

Process for preparing lysis products of malignant tissues by treatment with pathogenic anaerobic microorganisms in the presence of heavy metal salts or complexes.

Hypotensive agents; increase serum bactericidal action.

The production of lysates of malignant tissues as in Germ. Pat. 1118403 (based on Mose and Mose, Ztschr. f. Krebsforschung, 1959, 63, 63 and ibid. 1960, 63, 447) has the disadvantage that the vegetative form of the organism soon passes into the sporing form, interrupting the lysis process and giving poor yields. The present invention overcomes this disadvantage by carrying out the lysis in the presence of physiologically compatible heavy metal salts or complexes.

Suitable malignant tissues are those of carcinomas, sarcomas and leukomas, all specifically claimed.

Suitable pathogenic anaerobic organisms are those of the genus Clostridium, preferably Cl. butyricum, acetobutyricum, tyrobutyricum, tertium, felsenium and pectinovorum (all claimed).

Suitable heavy metal salts or complexes: those of Fe, Cu, Mn, Co or Zn (all specifically claimed); preferably ferrous sulphate, chloride, gluconate, tartrate, hydroxide, or iron-dextran complex; also Co gluconate, Co-dextran complex, Mn citrate.

[Previous Doc](#) [Next Doc](#) [Go to Doc#](#)